Abstract

The invention relates to a cost-reductive method and device for tuning the wavelength of an optoelectronic component arrangement comprising at least two optoelectronic components. According to the invention, the characteristic wavelength for each optoelectronic component is adjusted by means of a resistance device (RM) which is connected between a common voltage/power source (U_0/I) and a heating device (H) pertaining to said components. Heating capacity is modified by changing the overall resistance of the resistance device (RM) in order to adjust wavelength. The invention can be used to tune the wavelength of semiconductor lasers, filters, wavelength multiplexers and waveguides.